

HOSPITAL FOR CRIPPLED CHILDREN

Arthur J. Gillette, M.D.....	Surgeon-in-Chief
Carl C. Chatterton, M.D.....	Assistant Surgeon-in-Chief
Elizabeth McGregor	Superintendent
Selma Bergstrom	Steward

Institution opened in 1911

Capacity of institution.....	200
Area of grounds, acres.....	23
Acreage under cultivation.....	10
Value of lands and buildings.....	\$232,299.55
Value of personal property.....	\$24,262.13

Expenditures for year ended June 30, 1920:

Current expense	\$72,563.24
Repairs and replacements.....	\$3,045.72
Permanent improvements	\$73,887.31
Miscellaneous	\$3,892.01
Gross per capita cost, current expense.....	\$558.18
Net per capita cost, current expense.....	\$560.29
Number of officers and employees.....	57

MEDICAL SERVICE

The medical staff of the institution consists of specialists in every line: orthopedic, children's diseases, general surgery, general medicine, eye and ear, nose and throat, skin diseases, nervous diseases, dental surgery, and pathological work.

Good nurses are always employed, and the children requiring either general or special attention receive the best of care, and no one is neglected either medically or surgically. A great many cases are tubercular and require considerable attention for their general care, including special diet. Special attention is also given to the diet in rachitic and other cases.

Many children who are not admitted to the hospital are cared for as out-patients, furnished with mechanical appliances, and given such detailed treatment as may be required.

County nurses are responsible for the admission of a great many children, aid in bringing them to and from their homes to the hos-

pital, and also make it their duty to see that proper treatment is kept up during the patient's stay at home.

The institution is open every Thursday to admit new cases, and the orthopedic and many other departments are open on that day for medical and surgical care, and also for visiting patients.

A special orthopedic instrument expert is employed to make braces for the patients.

During the period classes in public health nursing from the University, students of sociology from local colleges and the University, classes in institution management, and student nurses from practically every hospital in St. Paul, have visited the hospital for class work or clinics.

EMPLOYEES

There has not been any time during the period when the institution has had its full quota of help. Domestic help has been difficult to secure and keep because of the wages offered by other institutions and private homes in the city. The problem of getting student and graduate nurses is a serious one. Other fields offer very high salaries and less responsibility.

The eight-hour day, with one day a week off duty, has applied to employes throughout the institution, and the results have been very gratifying.

EDUCATIONAL WORK

An educational department is maintained so that patients may keep on with their regular school work. The courses of study extend from kindergarten work to the eighth grade, and include special industrial departments where sewing, weaving, raffia work, basketry, modeling, water color and designs, cooking, etc., are taught. A few of the children have had music lessons. Arrangements have been made to teach millinery and cabinetmaking during the summer months. The patients who are unable to go to the school rooms receive daily bedside instruction.

Instruction is not limited to the schoolroom, and the children have educational as well as interesting motion pictures once a week.

Religious instruction is faithfully carried out under the direction of Protestant and Catholic clergymen of St. Paul.

Work in gardening and in beautifying the grounds has been continued.

AMUSEMENT AND RECREATION

A large number of entertainments have been furnished by clubs, churches and individuals.

The boy and girl scout organizations have been active under the leadership of captains from outside the institution.

BUILDINGS AND IMPROVEMENTS

The new west wing under construction will provide accommodations for 80 additional patients. It will include the 'babies' dining room and diet kitchen, a room for massage and corrective exercises, and wards for patients. The second floor will contain rooms for employes, and the basement will provide rooms for shops and industrial school work.

NEEDS OF THE INSTITUTION

The following appropriations are needed: New wing and tunnel, \$137,000.00; service building, \$90,000.00; completion west wing, \$21,800.00; remodeling main building, \$5,900.00; laboratory and operating equipment, \$4,200.00; library, \$500.00; repairs, \$16,000.00; improving grounds, \$3,000.00; special appliances for patients, \$7,000.00; instruction and amusement, \$4,000.00; and care of blind babies, \$4,000.00.

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HOSPITAL FOR CRIPPLED CHILDREN

CLASSIFICATION	Year Ended June 30, 1920			11 Months Ended June 30, 1919		
	Male	Female	Total	Male	Female	Total
POPULATION						
In institution at beginning of year.....	66	63	129	65	49	114
Admitted.....	75	54	129	75	68	143
Transferred from outpatient department.....	50	34	84	18	19	37
Total under care.....	191	151	342	158	136	294
Discharged.....		2	2	1		1
Died.....	5	3	8		4	12
Transferred to outpatient department.....	127	80	207	83	69	152
In institution at end of year.....	59	66	125	66	63	129
Average population.....	65	65	130	67	52	119
Admitted as outpatients.....	31	18	49	32	26	58
AGE GROUP						
Under 1 year.....	3	2	5	5	5	10
1 year.....	1	4	5	7	4	11
2 years.....	2	3	5	8	7	15
3 years.....	7	7	14	7	6	13
4 years.....	5	8	13	7	7	14
5 to 7 years.....	22	9	31	19	17	36
8 to 10 years.....	21	11	32	16	19	34
11 to 13 years.....	21	16	37	19	11	30
14 to 16 years.....	16	9	25	9	9	18
17 to 20 years.....	3	2	5	4	4	8
21 years and over.....	5	1	6	7	5	12
Total admissions.....	108	72	178	107	94	201
NATIVITY						
Austria.....	1		1			
Unknown.....		1	1			
Total foreign born.....	1	1	2			
Minnesota.....	89	50	139	69	51	120
All other states.....	16	21	37	38	43	81
Total native born.....	105	71	176	107	94	201
Total admissions.....	108	72	178	107	94	201
PARENTAGE						
Native parentage.....	52	46	98	69	51	120
Mixed parentage.....	19	6	25			
Foreign parentage.....	35	20	55	38	43	81
Total admissions.....	106	72	178	107	94	201
CONDITION ON TRANSFER TO OUT-PATIENT DEPARTMENT						
Cured.....	38	29	67	45	23	68
Improved.....	84	38	122	30	45	75
Unimproved.....	1	11	12	6		6
Untreated.....	4	2	6	2	1	3
Total.....	127	80	207	83	69	152
DURATION OF STAY OF PATIENTS TRANSFERRED TO OUT-PATIENT DEPARTMENT						
Less than 3 months.....	67	30	97	41	31	72
3 to 5 months.....	26	22	48	14	10	24
6 to 12 months.....	17	16	33	14	18	32
1 year but less than 2.....	12	10	22	9	7	16
2 years but less than 3.....	4		4	2	1	3
3 years or more.....	1	2	3	3	2	5
Total.....	127	80	207	83	69	152

HOSPITAL FOR CRIPPLED CHILDREN (Continued)

TABLE OPERATION FROM AUGUST 1, 1918, TO JUNE 30, 1920

Tonsillectomy and adenoidectomy.....	50	Curettment of great trochanter due to tuberculosis.....	1
Mastoid.....	2	Manipulation of jaws for deformity due to infection following measles.....	1
Harelip.....	4	Osteotomy of tibia for deformity due to disease.....	1
Forcible correction of congenital dislocation of hip.....	26	Curettment of humerus for deformity due to osteomyelitis.....	2
Forcible correction of flexion of knee due to tuberculosis.....	17	Curettment of metatarsal bone for deformity due to osteomyelitis.....	1
Forcible correction of deformity of feet and knees due to arthritis.....	3	Curettment of femur for deformity due to osteomyelitis.....	1
Forcible correction of congenital club foot.....	3	Open reduction of hip joint attempted.....	1
Forcible correction of congenital deformity of feet and knees.....	2	Osteotomy of tibia for deformity due to rickets.....	5
Amputation of foot and middle finger due to tuberculosis.....	1	Arm freed from chest wall for deformity due to injury.....	1
Forcible correction of feet, plantar fascia and common flexors of toes divided for congenital club foot.....	2	Manipulation of knee for deformity due to injury.....	2
Forcible correction of feet, plantar fascia and common flexors of toes divided, tendo achilles lengthened for congenital club foot.....	2	Operation of hips for deformity due to anterior poliomyelitis.....	1
Forcible correction of leg, wedge removed, for congenital club foot.....	3	Manipulation of hips for deformity due to anterior poliomyelitis.....	1
Manipulation of foot, edges of wound curetted for congenital club foot.....	3	Manipulation of feet for deformity due to anterior poliomyelitis.....	4
Subcutaneous tenotomy of tendo achilles for deformity of feet due to cerebral spastic paralysis.....	1	Operation of foot for deformity due to anterior poliomyelitis.....	60
Skin graft.....	3	Operation of foot and manipulation of hip for deformity due to anterior poliomyelitis.....	1
Appendectomy.....	1	Tendo achilles and inner hamstrings lengthened for deformity due to cerebral spastic paralysis.....	1
Cleft palate.....	3	Curettment of os calcis due to tuberculosis.....	1
Forcible correction of congenital dislocation of hips.....	7	Manipulation of elbow for deformity due to tuberculosis.....	1
Gant operation of deformity of hip.....	7	Manipulation of hips for deformity due to typhoid fever.....	1
Forcible correction of deformity of hip due to tuberculosis.....	9	Resection of hip joint for deformity due to tuberculosis.....	1
Forcible correction of deformity of hip due to arthritis.....	1	Manipulation of hip for deformity due to infection following Spanish influenza.....	1
Forcible correction of congenital club feet.....	10	Manipulation of radius for deformity due to injury.....	1
Manipulation of both hips due to suppurative epiphysitis.....	2	Osteotomy of tibia for deformity due to tuberculosis.....	1
Osteotomy of femur for deformity due to old fracture.....	1	Curettment of tibia for deformity due to old osteomyelitis.....	5
Forcible correction of foot, plantar fascia and common flexors of toes divided, tendo achilles lengthened for congenital club foot.....	8	Curettment of os calcis for deformity due to osteomyelitis.....	1
Forcible correction of foot, plantar fascia divided and tendo achilles lengthened.....	1	Curettment of femur for deformity due to acute septic infection.....	1
Forcible correction, subcutaneous tenotomy of tendo achilles for congenital club foot.....	2	Manipulation for deformity of foot due to osteomyelitis.....	1
Subcutaneous tenotomy of tendo achilles for deformity due to cerebral spastic paralysis.....	1	Forcible correction of tibia due to rickets.....	8
Tendo achilles lengthened for deformity of foot due to cerebral spastic paralysis.....	1	Lengthening of tendo achilles for deformity due to cerebral spastic paralysis.....	1
Subcutaneous tenotomy of adductor and tendo achilles for deformity due to cerebral spastic paralysis.....	1	Resection of ulcer from foot due to tuberculosis.....	1
Tendo achilles lengthened, adductors and hamstrings divided for deformity due to cerebral spastic paralysis.....	1	Operation of hips and feet, manipulation of knees for deformity due to anterior poliomyelitis.....	12
Osteotomy of tibia for deformity due to injury.....	1	Manipulation of foot and knee for deformity due to anterior poliomyelitis.....	1
Osteomy of femur for deformity of knee due to tuberculosis.....	1	Operation of feet for deformity due to anterior poliomyelitis.....	20
Forcible correction of feet for deformity due to injury.....	1	Operation of foot, manipulation of knees for deformity due to anterior poliomyelitis.....	2

HOSPITAL FOR CRIPPLED CHILDREN (Concluded)

BRACES AND APPLIANCES FROM AUGUST 1, 1918, TO JUNE 30, 1920

Shoes built up and repaired.....	199	Leg braces.....	128
Arches in shoes.....	11	Ankle braces.....	51
Insoles.....	4	Knee braces.....	4
Braces recovered.....	293	Leg brace with leather boot.....	4
Braces repaired.....	300	Arm brace.....	1
New jackets.....	47	Leg brace with hip band.....	1
Jackets repaired.....	50	Shoulder brace.....	1
New back braces.....	23	Cork soles.....	5
Back brace with jury mast.....	1		

PLASTER PARIS DRESSINGS AND CASINGS FROM AUGUST 1, 1918,
TO JUNE 30, 1920

Plaster foot splints.....	29	Elbow casts.....	5
Jacket models.....	41	Hand splints.....	11
Hip spicas.....	204	Leg splints.....	79
Leg casts.....	360	Model for arm and hand brace.....	2
Foot casts.....	173	Model for leather cuffs.....	22
Body casts.....	41	Plaster bed.....	1
Double hip spicas.....	33		

LABORATORY AND X-RAY WORK FROM AUGUST 1, 1918, TO
JUNE 30, 1920

Urinalysis.....	2,460	Wassermanns.....	340
Inoculation of guinea pigs.....	2	Manteau tests.....	107
Von Pirquets.....	331	Schick tests.....	367
Nose cultures.....	368	Diphtheria prophylactic.....	117
Throat cultures.....	407	X-rays.....	623

DENTAL WORK FROM AUGUST 1, 1918, TO JUNE 30, 1918

Fillings.....	141	Extractions.....	228
Treatments.....	49	Examinations.....	267
Teeth cleaned.....	51		

FINANCIAL STATEMENT FOR THE TWENTY-THREE MONTHS ENDED JUNE 30, 1920

INSTITUTION	Balance, Appropriations and Receipts	Received by Transfer	Disbursements	Disbursed by Transfer	Covered into State Treasury	Balance Carried Forward July 1, 1920		
						Current Expense	Specific Purposes	Trust Funds
Board of Control.....	\$143,803.66		\$132,098.49		\$5,416.66	\$6,288.41		
Anoka Asylum.....	497,276.49	\$12,664.92	449,797.93	\$38,785.26	.85		\$19,323.81	\$4,032.56
Hastings Asylum.....	661,631.14	17,731.84	564,974.94		2.74		111,017.90	8,367.40
Willmar Asylum.....	457,512.78		305,399.97	46,625.27	.17		103,844.37	1,643.00
Fergus Falls Hospital.....	329,999.66	17,792.83	788,221.62			1,715.17	38,587.79	19,267.91
Rochester Hospital.....	726,515.80	48,172.42	734,718.50		.05		30,458.79	9,515.88
St. Peter Hospital.....	762,169.77	53,483.06	772,273.20		3.39		34,309.83	9,066.41
School for Feeble-Minded.....	1,170,965.28	17,245.20	943,678.19	42,647.24			196,770.56	2,425.03
School for Blind.....	145,308.62	4,765.13	146,880.26		1.49		766.92	5,114.49
School for Deaf.....	213,486.50	15,042.94	225,072.58				2,132.10	1,324.76
State Public School.....	342,774.19	25,135.37	304,467.89		1.06		56,926.32	6,524.29
Training School for Boys.....	282,892.98	37,236.90	309,274.06				10,106.44	749.38
Home School for Girls.....	297,824.33	51,082.17	294,037.45				54,085.51	783.54
Reformatory (Men).....	638,685.19	70.65	573,668.24	22,121.15			35,027.54	7,938.91
Reformatory for Women.....	192,637.62	50,500.00	172,007.07			5,862.02	65,082.65	85.98
Prison.....	12,487,018.53	2,007.51	12,261,777.13	50,000.00		55,652.91	48,926.43	72,669.57
Sanatorium for Consumptives.....	438,695.23	20,925.19	411,963.23		5.15	1,583.14	46,078.90	
Hospital for Crippled Children.....	272,832.32	796.25	246,715.65		4.44	4,150.48	22,615.22	142.78
University and Stations.....	683,613.44	357,637.36	488,143.51	16,700.00		4,673.81	531,633.48	
Normal Schools.....	279,552.93	75,140.68	265,899.17	9,100.00	.05	7,354.87	72,339.52	
Governmental Departments.....	163,262.79	46,869.43	126,197.17				33,935.05	
County Sanatoria.....	98,122.91	57,469.38	92,277.51				63,914.78	
State Fair.....	200,000.00		56,100.33				143,899.67	
General and Miscellaneous.....	1,136,202.17	3,882.68	86,008.73	187,107.34	444,385.48		407,424.62	15,158.68
All institutions.....	\$23,122,683.23	\$916,551.91	\$20,750,632.82	\$413,086.26	\$449,821.53	\$87,280.81	\$2,178,603.10	\$159,810.62